



BARCELONALED ILUMINACION S.L.  
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## Spectral test report for lamp

Product type : PROYECTOR MONOFÁSICO  
Product No. : BPM-40W-ARQ-CCT-B (BF)  
Manufacturer : BLED

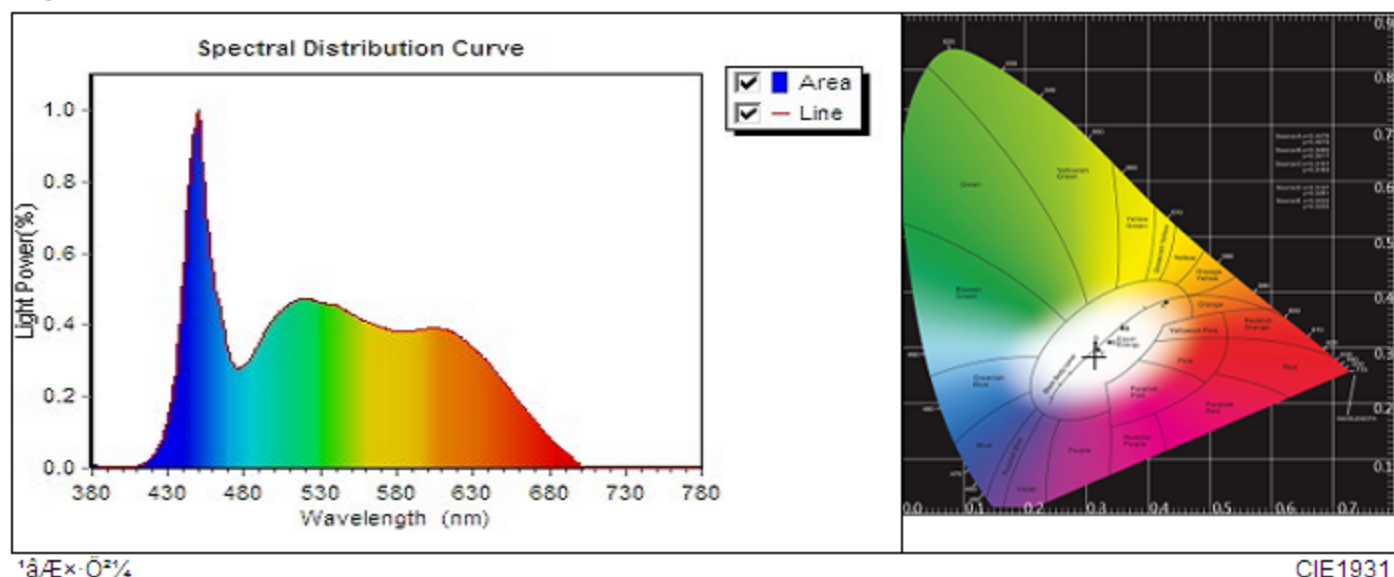
Test date. : 2024-09-20  
Test equipment : SPEC2000A Spectrometer  
Operator : SERGI

## Test Condition

Temperature : 25.0Deg C  
Test range : 380nm-780nm

Humidity : 65%  
Peak AD. : 56827 (86.7%)  
Integral time. : 70ms

## Spectral Parameter



## CIE Color Parameter

Chromaticity coordinates:  $x=0.3089$   $y=0.3267$   $u=0.1960$   $v=0.3110$  ( $duv=0.0040$ )  
Color temperature:  $TC=6738$  K Color difference:  $SDCM=5.3$  Main Wavelength:  $\lambda_d=483.06$  nm Purity:  $Purity=0.366$   
Peak wavelength:  $\lambda_p=448.8$  nm FWHM:  $\Delta\lambda_p=21.6$  nm Color ratio:  $R=16.11\%$   $G=78.07\%$   $B=5.82\%$

Color rendering index (Ra):  $Ra=93.6$

$R1=94.9$   $R2=94.8$   $R3=93.6$   $R4=94.9$   $R5=94.6$   $R6=91.9$   $R7=95.2$   $R8=88.9$   
 $R9=64.2$   $R10=87.1$   $R11=93.4$   $R12=73.0$   $R13=95.6$   $R14=96.5$   $R15=92.3$

## Optical Parameter

Luminous flux: 3302.014 lm luminous efficiency: 79.38 lm/w Radiant flux: 11.0459 W

## Electrical Parameter

Voltage: 230.7 V Current: 0.185 A Watts: 41.60 W Power factor: 0.970

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Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>